

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR		CONTRACT NO./TASK NO.		JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.		NAS5- 99124	TASK NO. 62	AMENDMENT	562-615-31-12-89 99
TASK TITLE: (NTE 80 characters; include Project name) POES C&DH Engineering Services					
APPROVALS: (type or print name and sign)					
ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR) <i>Wilbur Brandenburg</i> Wilbur Brandenburg		DATE 4/29/99	ORG CODE 581	MAIL CODE 581	PHONE 301-286-3474
BRANCH HEAD <i>Joseph Hennessy</i> Joseph Hennessy		DATE 4/29/99	CODE 581	PHONE 301-286-4284	
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR) <i>Fred Huegel</i> Fred Huegel		DATE 4/30/99	CODE 568	PHONE 301-286-2285	
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK) (X) NO () YES		CONTRACTING OFFICER'S QUALITY REP. Larry Moore		DESIGNATED FAM:	
The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reqs and Certs.				(To be completed by Contracting Officer) C.O. Requested Quote on: Date: MAY - 3 1999	
Contractor will develop specification or statement of work under this task for a future procl (X) NO () YES					
Flight hardware will be shipped to GSFC for testing prior to final del () NO () YES (X) N/A					
Government Furnished Property/Facilitie (X) NO () YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)					
Onsite Performance: () NO (X) YES If yes: (X) TOTAL () PARTIAL If partial, indicate onsite work in SOW by asterisk (*)					
Surveillance Plan Attached: (X) NO () YES					
Highlighted Contract Clauses: (to be completed by Contracting Officer) Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be May 3, 1999.					
INCENTIVE FEE STRUCTURE (check one) (See Contract NAS5-99124, Attachment K, Incentive Fee Plan)					
	<input checked="" type="checkbox"/> No. 1	<input type="checkbox"/> No. 2	<input type="checkbox"/> No. 3	<input type="checkbox"/> No. 4	<input type="checkbox"/> No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%
(to be completed by Contracting Officer)					
The target cost of this task order is \$ <u>149,257</u> .					
The target fee of this task order is \$ <u>9,561</u> .					
The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ <u>158,818</u> .					
The maximum fee is \$ <u>13,974</u> .					
The minimum fee is \$0.					
AUTHORIZED SIGNATURE:					
THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"					
<i>Lorrie L. Eakin</i> SIGNATURE OF CONTRACTING OFFICER			10/4/99 DATE		
			Lorrie L. Eakin TYPED NAME OF CONTRACTING OFFICER		
CONTRACTOR'S ACCEPTANCE:					
AUTHORIZED SIGNATURE			DATE		

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Applicable paragraphs from contract Statement of Work 2.B.1

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The contractor shall provide engineering services to the Flight Electronics Branch for the TIROS (POES) Project with regards to the Command and Data Handling (C&DH) Subsystem (including the Digital Tape Recorders (DTRs) and the Solid State Recorders (SSRs)). The contractor shall:

1. Provide engineering expertise and perform the duties of the Lead C&DH Subsystem Engineer to review and monitor the prime contractor's efforts to assure that the C&DH subsystem meets the TIROS (POES) Project and Mission requirements.
2. Maintain cognizance of the prime contractor's activities for the design, design modifications, analysis, procurement development, fabrication, test, troubleshooting and integration of the subsystem components.
3. Identify technical, cost, and schedule problem areas to the project observatory manager with supporting rationale and recommended solutions or analysis.
4. Provide services in identifying and performing independent studies and analysis.
5. Participate in relevant technical meetings and reviews.
6. Provide input to the project observatory manager on prime contractor data deliverables for contractual compliance and technical content.
7. Participate in spacecraft I&T testing, pre-mission operation activities, launch, on-orbit spacecraft checkout and orbital anomaly meetings.
8. Review C&DH related spacecraft test data and prepare a report/presentation on test results.
9. Provide services for closure of recommendation and action items from Code 300 reviews.

PERFORMANCE SPECIFICATIONS: Report formats per example.**APPLICABLE DOCUMENTS:**

Performance Specification for the NOAA-K, L, M, N and N-prime Satellites: GSFC-S-480-25.1
Performance Assurance Requirements for the NOAA-K, L, M, N, and N-prime Satellites: GSFC-S-480-26.1
Performance Specification for the TIROS-N Command and Control Subsystem (C&CS): PS-2285212
Performance Specification, Data Handling Subsystem (DHS): PS-2285208
Specification for the Digital Tape Recorder, IS-2280354
Unique Interface Specification for the Solid State Recorder, UIS20082617
Performance Specification for NOAA-N & N' Solid State Recorder, K10046727 (L3)

TASK END DATE: 4/30/00**MILESTONES/DELIVERABLES AND DATES:**

Status Reports: Monthly, per contract requirements

C&DH Summary Reports -- Two weeks after each major project review, including:

NOAA-L Pre/Post-Ship Review Summary/Trip Reports -- 12/15/99*

NOAA-M Thermal-Vacuum Test Review Summary/Trip Report -- 4/30/00*

C&DH Test Reports/Presentations: Two weeks after each major spacecraft test

* Represent current schedule; dates subject to change depending on spacecraft I&T schedule

PERFORMANCE STANDARDS:**Schedule:** On time delivery of the above**Technical:** ATR's acceptance of the above**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Randenbura, building 23, room W211